

FORM

6

Rev  
05/18

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | ES |
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Replug By Other Operator

Document Number:

402299664

Date Received:

01/30/2020

## WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10459

Contact Name: Philip Antonioli

Name of Operator: EXTRACTION OIL &amp; GAS INC

Phone: (720) 354-4603

Address: 370 17TH STREET SUITE 5300

Fax:

City: DENVER State: CO Zip: 80202

Email: PAntonioli@extractionog.com

For "Intent" 24 hour notice required,

Name: Silver, Randy

Tel: (720) 827-6688

COGCC contact:

Email: randy.silver@state.co.us

API Number 05-001-06578-00

Well Name: JOHN P MCHUGH

Well Number: 1

Location: QtrQtr: NENW Section: 28 Township: 2S Range: 66W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.854451

Longitude: -104.783887

GPS Data:

Date of Measurement: PDOP Reading: GPS Instrument Operator's Name:

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-enter to re-plug.Casing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details:

## Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
|           |           |           |                |                     |            |

Total: 0 zone(s)

## Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| SURF        | 12+1/4       | 8+5/8          | 24              | 200           | 160          | 200        | 0          | CALC   |
| OPEN HOLE   | 7+7/8        |                |                 | 8,504         |              |            |            |        |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

|     |     |              |      |        |      |     |            |           |              |                                     |
|-----|-----|--------------|------|--------|------|-----|------------|-----------|--------------|-------------------------------------|
| Set | 150 | sks cmt from | 3000 | ft. to | 2500 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input checked="" type="checkbox"/> |
| Set | 250 | sks cmt from | 1750 | ft. to | 900  | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input checked="" type="checkbox"/> |
| Set | 275 | sks cmt from | 900  | ft. to | 0    | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input checked="" type="checkbox"/> |
| Set |     | sks cmt from |      | ft. to |      | ft. | Plug Type: |           | Plug Tagged: | <input type="checkbox"/>            |
| Set |     | sks cmt from |      | ft. to |      | ft. | Plug Type: |           | Plug Tagged: | <input type="checkbox"/>            |

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged: ☐

Set \_\_\_\_\_ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☐ No

Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. \_\_\_\_\_ inch casing Cut and Cap Date: \_\_\_\_\_  
of \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

\*Conflicting surface casing set depths. Used most recent information. DOC#: 371376.

\*Assumed openhole diameter to be 7-7/8".

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Philip Antonioli

Title: Production Engineer Date: 1/30/2020 Email: PAntonioli@extractionog.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Jacobson, Eric Date: 2/3/2020

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/2/2020

| <b>COA Type</b> | <b>Description</b>  |
|-----------------|---|
|                 | 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2) Prior to placing the 900' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.<br>3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 150' or shallower and provide 10 sack plug at surface.<br>4) Leave at least 100' of cement in the wellbore for each plug.<br>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.<br>6) After placing the shallowest hydrocarbon isolating plug (3000'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. |
|                 | Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.   |
|                 | Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 215.  |

### **Attachment Check List**

| <b>Att Doc Num</b> | <b>Name</b>             |
|--------------------|-------------------------|
| 402299664          | FORM 6 INTENT SUBMITTED |
| 402299683          | WELLBORE DIAGRAM        |
| 402299684          | LOCATION PHOTO          |
| 402299685          | SURFACE OWNER CONSENT   |
| 402299687          | OTHER                   |

Total Attach: 5 Files

### **General Comments**

| <b>User Group</b> | <b>Comment</b>  | <b>Comment Date</b> |
|-------------------|---|---------------------|
| Engineer          | Well file verification not completed prior to approval of NOIA.   | 02/03/2020          |
| Engineer          | Deepest Water Well within 1 Mile – 1514'<br>SB5 Base of Fox Hills - 1508'<br><br>Denver 4844 4995 134.5 343 192 36.58 NNT<br>Upper Arapahoe 4596 4818 96.0 591 369 26.11 NNT<br>Lower Arapahoe 4296 4521 112.8 891 666 30.68 NT<br>Laramie-Fox Hills 3679 3881 159.8 1508 1306 38.35 NT | 02/03/2020          |

Total: 2 comment(s)